Attorney Docket:

Application No.: 09/870,626 Examiner:

INFORMATION DISCLOSURE CIPATIO

Attorney Docks 18153.0051 Applicant: Stephen A. Bowling Filing Date: June 1, 2001

Group Art Unit:
-2151 2316

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			U.S. PATEN	DOCÚMENTS			
Examiner	Ref.	Document		<u>—</u>		Sub-	
Initial	No	Number	Date	Name	Class	Class	Filing Date
(196)		6,061,780	May 9, 2000	Shippey, et al	712	20Ψ	
Ge		5,056,004	Oct. 8, 1991	Ohde et al.	1112	241	
Be		6,026,489	Feb. 15, 2000	Wachi et al.	712	241	
Ose		5,951,679	Sept. 14, 1999	Anderson, et al.	712	241	
Me		5,117,498	May 26, 1992	Miller, et al.	112	241	
Ore		5,101,484	Mar. 31, 1992	Kohn	712	EEN	ED
Be		5,740,419	April 14, 1998	Potter	712	241	
(Sã	 	5,826,096	Oct. 20, 1998	Baxter	7121	OVER I	2001
CSR		5,938,759	Aug. 17, 1999	Kamijo			
Cole	<u> </u>	5,930,503	July 27, 1999	Drees	712	nolbay C	enter 2100
Ge		6,076,154	June 13, 2000	Van Eijndhoven et al	712	24	
Ose		5,706,460	Jan. 6, 1998	Craig et al.	112	204	
ase		5,825,730	Oct. 20, 1998	Nishida et al.	369	44,32	
(3e)		6,014,723	Jan 11, 2000	Tremblay et al.	711	1	-
150		5,790,443	Aug. 4, 1998	Shen et al.	708	491	
1000 C		5,448,706	Sept. 5, 1995	Fleming et al.	711	217	
150		5,448,703	Sept. 5, 1995	Amini et al.	710	110	
nse		5,206,940	Apr. 27, 1993	Murakami et al.	711	218	
(ide		4,829.420	May 9, 1989	Stahle	711	200	
(3e)		5,778,416	Jul. 7, 1998	Harrison et al.	711	5	
nse		5,600,813	Feb. 4, 1997	Nakagawa et al.	711	217	
(5/2		5,012,441	April 30, 1991	Retter	711	217	
(DR		6,009,454	Dec. 28, 1999	Dummermuth	718	108	
150		5,828,875	Oct. 27, 1998	Halvarsson et al.	712	241	
CAR		4,882,701	Nov. 21, 1989	Ishii	117-	241	
1		4,626,988	Dec. 2, 1986	George	717.	241	
(5 /2		5,099,445	Mar. 24, 1992	Studor et al.	108	209	
mak		5,379,240	Jan. 3, 1995	Byrne	708	209	
Cal		5,327,543	Jul. 5, 1994	Miura et al.	112	224	
00	 	4,511,990	April 16, 1985	Hagiwara et al.	708	501	
1		4,829,460	May 9, 1989	Ito	708	209	
650		5,038,310	Aug. 6, 1991	Akagiri et al.	100	205	
H-75		4,872,128	Oct. 3, 1989	Shimizu	108	209	
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Attorney Docket: 18153.0051

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Applicant: Stephen A. Examiner:

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Group Art Unit: 28/6

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Application

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Examiner	Ref.	Document				Sub-				
Initial	No	Number	Date	Name	Class	Class	Filing Date			
(Se		4,977,533	Dec. 11, 1990	Miyabayashi et al.	108	404				
120		5,941,940	Aug. 24, 1999	Prasad et al.	708	523				
Ore Ore		5,951,627	Sept. 14, 1999	Kiamilev et al.	768	404				
CSPC.		6,058,409	May 2, 2000	Kozaki et al.	108	409				
ne		5,991,787	Nov. 23, 1999	Abel et al.	708	400				
CH?		5,007,020	Apr. 9, 1991	Inskeep	711	DEC.	EIVED			
Be		5,197,140	Mar. 23, 1993	Balmer	711	220				
Se		5,499,380	Mar. 12, 1996	Iwata et al.	711	24042	1 2001			
CHE.		4,839,846	Jun. 13, 1989	Hirose et al.	108	497				
(Fe		4,941,120	Jul. 10, 1990	Brown et al.	7081	echinology	Center 2100			
Ore		6,058,410	May 2, 2000	Sharangpani	70%	551				
Be		5,943,249	Aug. 24, 1999	Handlogten	700	496				
Be		5,212,662	May 18, 1993	Cocanougher et al.	708	508				
- Ore		6,101,521	Aug. 8, 2000	Kosiec	708					
CHC.		4,943,940	Jul. 24, 1990	New	708	507				
(De		6,134,574	Oct. 17, 2000	Oberman et al.	708	551				
ODE.		5,930,159	Jul. 27, 1999	Wong	708					
Be		5,892,697	Apr. 6, 1999	Brakefield	708					
(5) e.		5,619,711	Apr. 8, 1997	Anderson	712	221	-			
OR		5,917,741	Jun. 29, 1999	Ng	100	491	_			
(5)P		5,909,385	Jun. 1, 1999	Nishiyama et al.	708	630				
(De		5,276,634	Jan. 4, 1994	Suzuki et al.	100	497				
CHE		5,880,984	Mar. 9, 1999	Burchfiel et al.	708	501				
CAR		5,469,377	Nov. 21, 1995	Amano	708	497				
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Applicant: Stephen A. Bowling Filing Date: June 1, 2001

Examiner:

Group Art Unit: 2151- 28/6



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(re		6,115,732	Sep. 5, 2000	Oberman et al.	708	625				
Re	·	5,197,023	Mar. 23, 1993	Nakayama	108	505				
30		4,488,252	Dec. 11, 1984	Vassar	708	905				
Ose		5,715,470	Feb. 3, 1998	Asano et al.	375	341				
(se		4,472,788	Sept. 18, 1984	Yamazaki	708	209				
CSO		5,282,153	Jan. 25, 1994	Bartkowiak et al.	740	证为				
De		4,782,457	Nov. 1, 1988	Cline	17988	2051				
Cse		4,807,172	Feb. 21, 1989	Nukiyama	7982	1289				
, Oe	1	5,497,340	Mar. 5, 1996	Uramoto et al.	1468 T	552	2100			
Se 5,774,711 June 30, 1998 Henry et al.										
OR.		5,596,760	Jan. 21, 1997	Ueda	1echina	241				
cze		4,556,938	Dec. 3, 1985	Parker et al.	112	241				
De		4,398,244	Aug. 9, 1983	Chu et al.	712	244				
Ge		5,996,067	Nov. 30, 1999	White	712	224				
(50		4,730,248	Mar. 8, 1988	Watanabe et al.	712	228				
ORC		5,689,693	Nov. 18, 1997	White	712	224				
(Se		5,862,065	Jan. 19, 1999	Muthusamy	100	521	•			
250		6,044,392	Mar. 28, 2000	Anderson et al.	708	551				
CSC/		5,892,699	Apr. 6, 1999	Duncan et al.	708	628				
120		5894,428	April 13, 1999	Harada	708	306				
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Se	-	6,145,049	Nov. 7, 2000	Wong	1710	267	
Be		6,128,728	Oct. 3, 2000	Dowling	712	228	
Ose		5,327,566	July 5, 1994	Forsyth	710	260	
Se		5,642,516	Jun. 24, 1997	Hedayat et al.	710	260	
(Se		3,781,810	Dec. 25, 1973	Downing	712	218	
Re		5,463,749	Oct. 31, 1995	Wertheizer et al	711	110	
Ne		5,471,600	Nov. 28, 1995	Nakamoto	711	5	
De		5,737,570	Apr. 7, 1998	Koch	711	149	ECEIVED
me		4,481,576	Nov. 6, 1984	Bicknell	711	217	FOEIVED
9£0		4,959,776	Sep. 25, 1990	Deerfield et al.	711	2171	OV 2 1 2001
me		5,032,986	Jul. 16, 1991	Pathak et al.	711	217	<u> </u>
Be		5,155,823	Oct. 13, 1992	Tsue	711	2 Tech	nology Center 210
De		6,044,434	Mar. 28, 2000	Oliver	711	110	3, 3,
(1)SE	<u> </u>	4,984,213	Jan. 8, 1991	Abdoo et al.	365	2300	
Ge		6,058,464	May 2, 2000	Taylor	711	217	
Ae		6,145,049	Nov. 7, 2000	Wong	710	267	
(De		5,327,566	July 5, 1994	Forsyth	710	260	_
(\$2		5,642,516	June 24, 1997	Hedayat, et al.	710	240	
ase		6,128,728	Oct. 3, 2000	Dowling	112	228	
Q-3C		5,122,981	Jun. 16, 1992	Taniguchi	708	497	
Se		5,812,439	Sep. 22, 1998	Hansen	700	497	
De		5,696,711	Dec. 9, 1997	Makineni	708	497	
ar		5,808,926	Sept. 15, 1998	Gorshtein et al.	708	505	
are	1	5,694,350	Dec. 2, 1997	Wolrich et al.	108	497	
Te.		5,568,412	Oct. 22, 1996	Han et al.	100	497	
Ge		5,764,555	Jun. 9, 1998	McPherson et al.	708	497	
mae.		5,748,516	May 5, 1998	Goddard et al.	708	497	
De		5,548,544	Aug. 20, 1996	Matheny et al.	70%	497	
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C E	<u>(E)</u>	/ A.	4945507	7/31/90	Ishida et al.	708	530	6/	12/89
C E	CC	В.	5701493	12/23/97	Jaggar	395	734 8		/3/95
C E	(C	C.	5386563	1/31/95	Thomas, deceased	395	650	10	/13/92
F.	Č	D.	6694398	2/17/04	Zhao et al.	710	260	4/	30/01
C.	CC	E.	5623646	4/22/97	Clarke	395	560	9/	12/95
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7	C.	6282637	8/28/01	Chan et al.	712	202	6/1/	
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Y	T. SPARC, International, Inc., "The SPARC		ARC Architecture Manual",	Version 8, pp 1-30	3		1992	
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Page 1 of 9 Application No. Applicant(s) PTO-1449 Stephan A. Bowling 09/870,626 Disclosure Citation Filing Date Docket Number **Group Art Unit** nefication 068354.1475 .2151 28,16 **U.S. PATENT DOCUMENTS CLASS** SUBCLASS DOCUMENT NO. DATE NAME 260 11/6/73 710 3771146 Cottton et al. 4/26/72 12/25/73 340 172.5 3781810 Downing 710 110 10/18/73 3886524 5/27/75 Appelt 3/25/74 4025771 5/24/77 Lynch et al. 708 521 3/24/76 2/14/78 710 264 4074353 Woods et al. 712 234 9/30/76 5/16/78 4090250 Carlson et al. 10/23/78 4/6/82 Nakamura 364 749 4323981 4379338 4/5/83 Nishitani et al. 708 552 11/21/80 200 5/7/80 364 4398244 8/9/83 Chu et al. 9/29/80 364 200 4408274 10/4/83 Wheatley et al 708 200 3/1/82 5/29/84 Gerson et al. 4451885 4472788 9/18/84 Yamazaki 364 900 8/27/81 200 3/19/82 364 4481576 11/6/84 Bicknell 2/22/82 364 748 12/11/84 Vassar 4488252 364 748 10/15/81 4511990 4/16/85 Hagiwara et al. FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY **CLASS SUBCLASS** DOCUMENT NO. DATE YES NO 001/82 Х 2/1989 JP (w/abstract) H03M 01037424 A 9/26 EΡ G06F Х 8/11/93 0 554 917 A2 96/11443 4/18/96 WO G06F 15/78 Х Х 9/30 0 855 643 A1 07/29/98 EΡ G06F G06F 9/32 Х FP 0 992 888 12/04/00 X 12/14/00 EP G06F 9/32 0 992 889 NON-PATENT DOCUMENTS - DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Moon B I et al.: "A 32-bit RISC Microprocessor with DSP Functionality: Rapid Prototyping" IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, Institute of Electronics Information and

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Application No.

09/870,626 Docket Number Stephan A. Bowling

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Group Art Unit

Applicant(s)

068354.1475 U.S. PATENT DOCUMENTS

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
\mathcal{L}	Α.	4556938	12/3/85	Parker et al.	364	200	2/22/82	
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C	C.	4730248	3/8/88	Watanabe et al.	364	200	8/30/84	
\mathcal{C}'	D.	4742479	5/3/88	Kloker et al.	364	746	3/25/85	
\mathcal{Q}	E.	4768149	8/30/88	Konopik et al.	364	200	8/29/85	
10	F.	4779191	10/18/88	Greenblatt	711	2	4/12/85	
7	G.	4782457	11/1/88	Cline	364	715.04	8/18/86	
$\mathcal K$	Н.	4800524	1/24/89	Roesgen	364	900	12/2/87	
Ľ	1.	4807172	2/21/89	Nukiyama	364	715.08	2/17/87	
\mathcal{X}	٦,	4829420	5/9/89	Stahle	364	200	6/29/87	
0	K.	4829460	5/9/89	Ito	364	715.08	10/14/87	
1C	L.	4839846	6/13/89	Hirose et al.	364	748	3/12/86	
\mathcal{T}	М.	4841468	6/20/89	Miller et al.	708	625	3/20/87	
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Page 3 of 9 Application No. Applicant(s) PTO-1449 SEP 1 0 2004 Stephan A. Bowling 09/870,626 Information Disclosure Citation Docket Number **Group Art Unit** Filing Date 215128/6 068354.1475 June 1, 2001 **U.S. PATENT DOCUMENTS SUBCLASS FILING DATE** DOCUMENT NO. NAME **CLASS** DATE 9/27/84 4943940 7/24/90 New 364 748 12/5/88 364 200 Deerfield et al. 4959776 9/25/90 C. 726 10/10/89 4977533 12/11/90 Miyabayashi et al. 364 2/21/89 4984213 1/8/91 Abdoo et al 365 230.03 5/7/90 364 900 5007020 4/9/91 Inskeep Retter 364 900 11/24/86 5012441 4/30/91 9/22/89 Pathak et al. 364 200 5032986 7/16/91 5034887 7/23/91 Yasui et al. 200 7/27/90 715.04 4/19/90 5038310 8/6/91 Akagiri et al. 21.5 5/12/89 5040178 8/13/91 Lindsay et al. Ohde et al. 200 10/14/88 5056004 10/8/91 5099445 3/24/92 Studor et al. 715.08 12/26/89 M. 2/14/89 375 5101484 3/31/92 Kohn 775 9/19/90 395 5117498 5/26/92 Miller et al. 174 7/2/90 6/9/92 Wiener 713 5121431 5122981 6/16/92 Taniguchi 364 748 3/23/89 Q. 4/17/89 395 400 5155823 10/13/92 Tsue 9/27/91 5177373 1/5/93 307 265 Nakamura S. 5197023 3/23/93 364 748 10/31/91 Nakayama T. 11/17/89 5197140 3/23/93 Balmer 395 400 395 400 8/27/91 5206940 4/27/93 Murakami et al. 9/11/90 5212662 5/18/93 364 748 Cocanougher et al. W. 5239654 8/24/93 800 11/17/89 Ing-Simmons et al. 395 8/20/91 748 5276634 1/4/94 Suzuki et al. 364 **FOREIGN PATENT DOCUMENTS** TRANSLATION SUBCLASS DOCUMENT NO. DATE COUNTRY CLASS YES NO Y. NON-PATENT DOCUMENTS - DOCUMENT (Including Author, Title, Source, and Pertinent Pages) Z. **EXAMINER** DATE CONSIDERED

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<u>ر</u>	C.	5327566	7/5/94	Forsyth		395		775	7/1	2/91
CC	D.	5375080	12/20/94	Davies	<u>.</u>	A354	7	36.5	12/	18/92
C	E.	5379240	1/3/95	Byrne		300		15.08	3/	8/93
$\mathcal{\tilde{D}}$	F.	5392435	2/21/95	Masui et al.	۵	395 4 37 9/16 395 4 37	0,	725	9/2	29/93
91	G.	5418976	5/23/95	lida	17/2	395 4 2		800	12/	21/92
$\tilde{\alpha}$	н.	5422805	6/6/95	Mcintyre et al.		SKE ST	4	<i>5</i> 625	10/	21/92
2	l.	5432943	7/11/95	Mitsuishi		395	<u>.</u>	725	4/1	19/93
CC	J.	5448703	9/5/95	Amini et al.		395	a	290	5/2	28/93
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10	L.	5463749	10/31/95	Wertheizer et al.		395		437	1/	13/93
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20	О.	5497340	3/5/96	Uramoto et al.		364		745	6/	14/93
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00	Q.	5504916	4/2/96	Murakami et al.		395		800	9/2	28/93
\mathcal{C}	R.	.5517436	5/14/96	Andreas et al.		364		736	6/	7/94
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α	Т.	5548544	8/20/96	Matheny et al.		364		745	10/	14/94
$\overline{\mathcal{C}}$	U.	5561619	10/1/96	Watanabe et al.		364	7	36.5	9/:	20/94
OC	V.	5564028	10/8/96	Swoboda et al.		395		375	1/	11/94
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(У В.	5596760	1/21/97	Ueda	395	588	12/9/92									
(C) B.	5600813	2/4/97	Nakagawa et al.	395	421.07	2/9/93									
ČC D.	5611061	3/11/97	Yasuda	395	591	11/24/93									
CC E.	5619711	4/8/97	Anderson	395	800	6/29/94									
() F.	5638524	6/10/97	Kiuchi et al.	395	375	5/17/95									
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CC H.	5649146	7/15/97	Riou	395	421.07	3/30/95									
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CK.	5659700	8/19/97	Chen et al.	395	421.07	2/14/95									
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<u>С</u> м.	5689693	11/18/97	White	395	395 565										
CC N.	5694350	12/2/97	Wolrich et al.	364	364 788										
(C) 0.	5696711	12/9/97	Makineni	364	748.03	12/22/95									
C P.	5706460	1/6/98	Craig et al.	395	380	3/19/91									
(X) o.	5706466	1/6/98	Dockser	395	452	1/13/95									
C R.	5715470	2/3/98	Asano et al.	395	800	9/27/93									
<u></u> S.	5737570	4/7/98	Koch	395	872	4/28/97									
(C) T.	5740095	4/14/98	Parant	364	760	7/12/95									
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Page 6 of 9 Application No. Applicant(s) PTO-1449 1 0 2004 Stephan A. Bowling 09/870,626 Information Discoure Citation **Docket Number** Group Art Unit Filing Date in an Application 068354.1475 2151 28/6 June 1, 2001 **U.S. PATENT DOCUMENTS** CLASS **SUBCLASS FILING DATE** DOCUMENT NO. NAME DATE A. 4/30/96 395 5748970 5/5/98 Miyaji et al. 733 В. 3/13/96 McPherson et al. 364 748.03 6/9/98 5764555 C. 6/17/96 Weng et al. 711 214 5765216 6/9/98 D. 5765218 6/9/98 Ozawa et al. 711 219 3/10/95 E. 7/26/96 395 591 Henry et al. 5774711 6/30/98 F. Harrison et al. 711 5 4/3/97 5778416 7/7/98 3/19/96 Shen et al. 364 746 5790443 8/4/98 H. 5808926 9/15/98 Gorshtein et al. 364 748.11 9/24/96 1. 10/10/95 364 748.03 5812439 9/22/98 Hansen 395 800.23 9/16/96 9/22/98 Moyer et al. 5812868 Nishida et al. 369 44.32 3/8/96 5825730 10/20/98 5826072 10/20/98 Knapp et al. 395 567 11/13/95 M. 5/19/95 10/20/98 395 800.24 5826096 **Baxter** N. 5/29/97 5828875 10/27/98 Halvarsson et al. 395 588 0. 1/19/99 364 736.5 2/13/97 5862065 Muthusamy 4/10/96 5867726 2/2/99 Ohsuga et al. 395 800.32 Q. 395 733 6/3/97 5875342 2/23/99 Temple 748.07 1/13/97 5880984 3/9/99 Burchfiel et al. 364 S. 4/6/99 364 748.02 12/19/95 5892697 Brakefield T. 5892699 4/6/99 Duncan et al. 364 760.4 9/16/97 ٠U. 5894428 4/13/99 Harada 364 724.03 7/28/97 ٧. 126 12/23/97 5900683 5/4/99 Rinehart et al. 307 W. 5909385 6/1/99 Nishiyama et al. 364 760.03 4/1/97 **FOREIGN PATENT DOCUMENTS** TRANSLATION DOCUMENT NO. **SUBCLASS** DATE COUNTRY **CLASS** YES NO X. NON-PATENT DOCUMENTS - DOCUMENT (Including Authoritie, Source, Y. and Patinent Pages) Z.

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